Python

Format-String

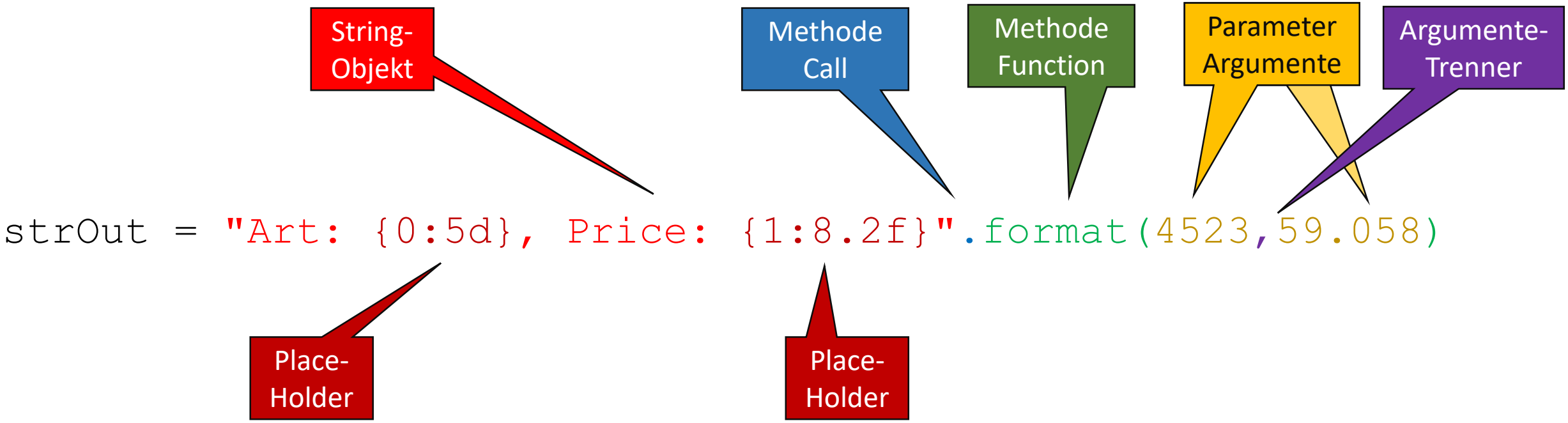
Print-Befehl mit Named-Parameter

end: Wird am Schluss vom print-Befehl angehängt Default: "\n "
sep: Wird zwischen den Argumenten eingefügt Default: " "

\n: Zeilenumbruch (New Line)
\t: Tabulator

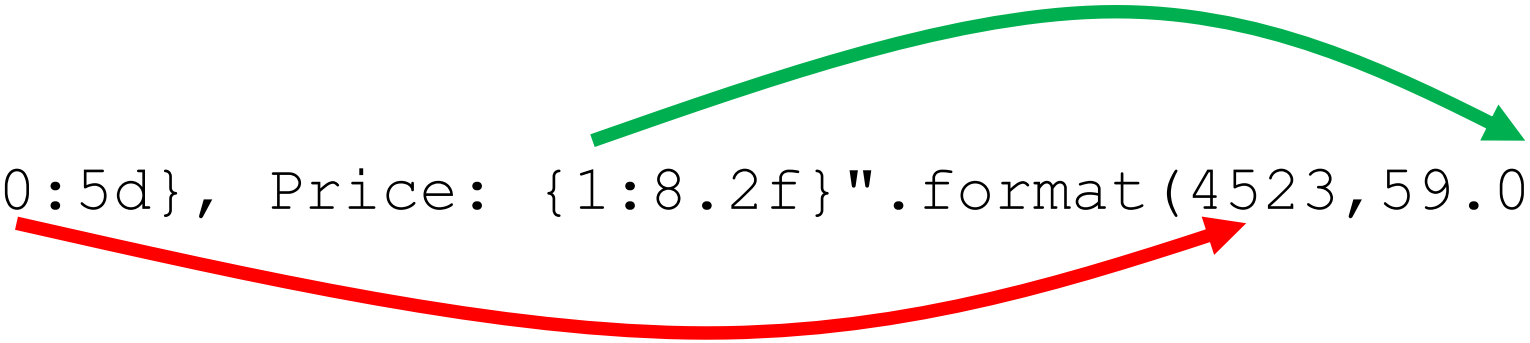
```
print("# print")
print("# -----")
print("Hallo world")                    # first statement
print("Hallo", "world", "!!!")          # mehrere Argumente / Parameter
print("Hallo" + " world" + " !!!")      # Ein Argument mit String-Operationen
print("Hallo\n\nWorld")                 # line-feed
print("Radius:", 5, " --> ", "Umfang:", 2*5*3.141592)      # Zahlenwerte
print("Radius:", 5, " --> ", "Umfang:", 2*5*3.141592, sep="")
print("Radius:", 5, " --> ", "Umfang:", 2*5*3.141592, sep="::")
print("Radius:", 5, " --> ", "Umfang:", 2*5*3.141592, sep="\t")
print("Radius:", 5, end="", flush=True)
print(" --> ", "Umfang:", 2*5*3.141592, sep="\t")
print("\n\n")
```

Methode-Calls, Placeholders, Position-Parameter




```
print(strOut) # Art:  4523, Price:    59.06
```

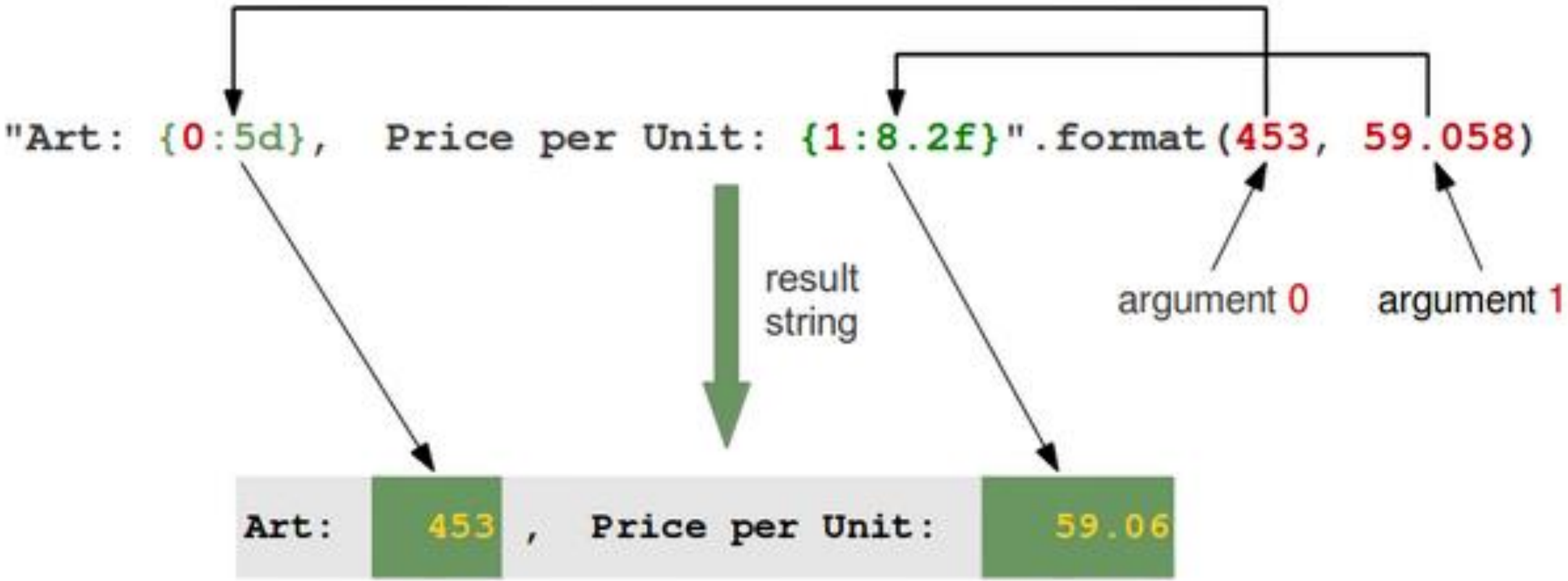
Methode-Calls, Placeholders, Position-Parameter



```
strOut = "Art: {0:5d}, Price: {1:8.2f}".format(4523,59.058)

print(strOut) # Art:  4523, Price:    59.06
```

Methode-Calls, Placeholders, Position-Parameter



Named-Parameter

```
strOut = "Art: {art:5d}, Price: {preis:8.2f}".format(art=4523,preis=59.058)

print(strOut) # Art: 4523, Price: 59.06
```

Named-Parameter